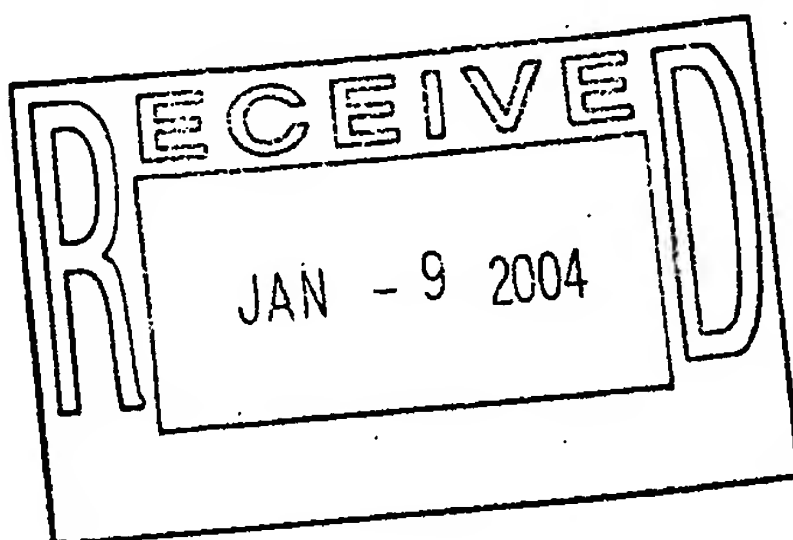


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

| APPL NO. | FILING OR 371 (c) DATE | ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|-----------------|----------|----------|----------|
| 10/650,493 | 08/28/2003 | 2819 | 750 | 1406/163 | 4 | 18 | 2 |

25297
 JENKINS & WILSON, PA
 3100 TOWER BLVD
 SUITE 1400
 DURHAM, NC 27707



CONFIRMATION NO. 6981

FILING RECEIPT



OC000000011630994

Date Mailed: 01/07/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Lukas Doerr, Villach, AUSTRIA;
 Antonio Digiandomenico, Villach, AUSTRIA;
 Andreas Wiesbauer, Portschach, AUSTRIA;

Domestic Priority data as claimed by applicant

Foreign Applications

GERMANY 10239865.8 08/29/2002
 GERMANY 10254651.7 11/22/2002
 EUROPEAN PATENT OFFICE (EPO) 02028135.8 12/18/2002

If Required, Foreign Filing License Granted: 01/05/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

DOCKET DATES: N/A
 ASSIGNED ATTY: REJ
 FILE NO. 1406/163
 DOCKETED BY: HMD
 DATE: 1/14/04

Quantizer for a sigma delta modulator

Preliminary Class

341

Application only
had "sigma -
delta modulator"

LICENSE FOR
Title 35, United States
Title 37, Code of Federal Regulations

GRANTED

The applicant has been granted a license under "LICENSE GRANTED" followed by a date appearing on this form. The conditions for issuance of a license have been set forth in 37 CFR 5.15. The scope and limitations of the license has been issued under 37 CFR 5.15(b). The date indicated is the effective date of the license under 37 CFR 5.13 or 5.14.

FOREIGN FILING
applications where
it may be required as
unless an earlier
notification. The
as been granted

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

MAR 08 2004

JENKINS
WILSON
& TAYLOR

patent attorneys

March 5, 2004

RICHARD E. JENKINS

JEFFREY L. WILSON

ARLES A. TAYLOR, JR.

GREGORY A. HUNT

E. ERIC MILLS

BENTLEY J. OLIVE

MICHAEL J. CROWLEY

*CHRIS PERKINS, PH.D.

**JAMES DALY IV, PH.D.

JEFFREY CHILDERS, PH.D.

OF COUNSEL
SOROJINI BISWAS

*LICENSED ONLY IN CA

**LICENSED ONLY IN KY

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 only.

Cathi H. Turner

Date of Signature

March 5, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/650,493 for
SIGMA-DELTA-MODULATOR
Our Ref. No. 1406/163

Sir:

Please find enclosed the following:

1. Request for Corrected Filing Receipt (1 page);
2. Copy of Filing Receipt with correction made in red ink (1 page); and
3. A return-receipt postcard to be returned to our offices with the U.S. Patent and Trademark filing stamp thereon.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Richard E. Jenkins

Richard E. Jenkins
Registration No. 28,428

REJ/cht

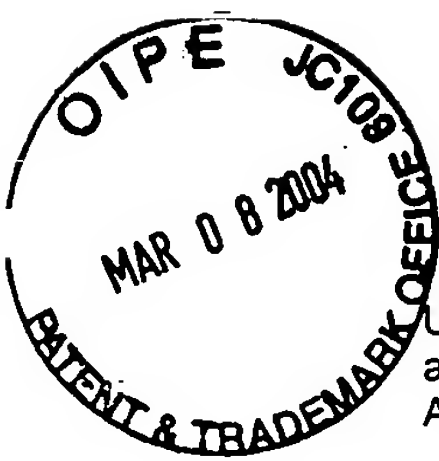
Enclosures

Customer No: 25297

tel 919.493.8000
fax 919.419.0383

Jenkins, Wilson & Taylor, P.A.
JenkinsWilsonTaylor.com

University Tower, Suite 1400 | 3100 Tower Boulevard | Durham, North Carolina 27707



hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 3/5/04.

Cathi H. Turner

Cathi H. Turner
Date of Signature

March 5, 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Doerrer et al.

Group Art Unit: 2819

Serial No.: 10/650,493

Examiner: Not Assigned

Filed: August 28, 2003

Docket No.: 1406/163

Confirmation No.: 6981

For: SIGMA-DELTA-MODULATOR

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants respectfully note that there is an error in the description for the subject invention as recited on the "Filing Receipt" form. Accordingly, a copy of this form, on which the correction of the error has been indicated in red ink, is enclosed.

Namely the error is that:

The title of the invention is listed incorrectly on the filing receipt. The correct title for the subject invention which was filed on August 28, 2003 is "SIGMA-DELTA-MODULATOR".

Application Serial No.: 10/650,493

Hence, applicants respectfully request that the Patent Office correct this error so that it does not appear on the granted patent that should result on the subject Serial No. 10/650,493. A Corrected Filing Receipt is respectfully requested.

Although no fee is believed to be due, the Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account Number 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: 3-5-04

By: Richard E. Jenkins
Richard E. Jenkins
Registration No. 28,428

1406/163 REJ/cht

Enclosure: Copy of "Filing Receipt" form marked in red with corrections

Customer No: 25297